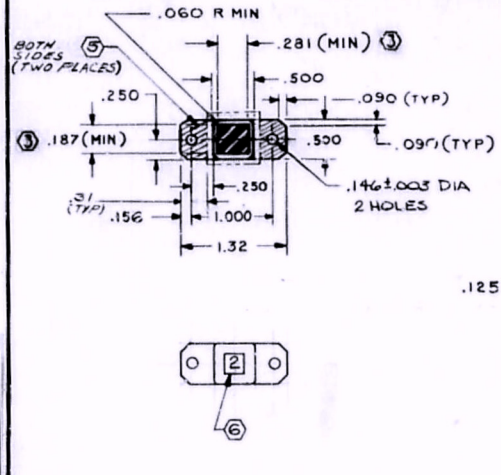
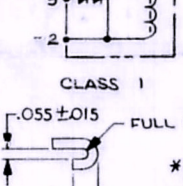
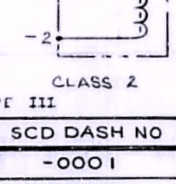
E.O. 608399

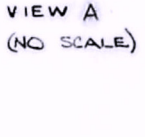




CLASS 1



CLASS 2



TYPE III

	I&T	SCD DASH NO	CLASS
* (1)	Ts	-0001	1
* (1)	Ts	-0002	2
* (2)	Ts	-0003	2
* (6)	Ts	-0004	2
(7) (1)	Ts	-0011	1
(7) (1)	Ts	-0012	2
(7) (2)	Ts	-0013	2
(7) (6)	Ts	-0014	2

* INACTIVE FOR PROCUREMENT AFTER 10-11-6

NO CHANGES WHATSOEVER CAN BE MADE TO THIS ITEM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE BUYER.

PURCHASING NOTE:
SEE ASL FOR PROCUREMENT DATA

PROCUREMENT SPEC: MC432-0054D PDC-1A

REVISED
(A) ADDED PDC-1 TO TABULATION SPEC NOTE 3/25/63 JAY
(B) REVISED SEE REVISED SHEET #2 5/7/63 JAY
(C) INCLUDE PDC-1 & 2 — REVISED DIMENSION ON VIEW A — CHG MC TO REV C 8/26/63 JAY
(D) INCORPORATED PDC-1 TO ME, ADDED -0004 & ASSOCIATED INFORMATION TO DASH NO. BLOCK AND ADDED NOTE (6) TO NOTES. 4/6/64
(E) ADDED PDC-2 TO MC: 1-3-64 JAY
(F) DELETED MC 432-0054 REV C FROM PROCUREMENT SPEC NOTE 2 AND ADDED MC 432-0054 REV D 2-24-64 JAY
(G) ADDED POLARITY SIGNS PINS 3 & 4 AND 4 & 5 2-24-64
(H) ADDED PDC-1 TO NOTE 12 2-24-64
(J) ADDED PDC-1 TO ME. 4-6-64

TOLERANCES, EXCEPT AS NOTED			DRILLED HOLE TOLERANCES				✓ SIGNIFIES SURFACE ROUGHNESS PER MIL-STD-10
FRACTIONS ± 1/32	XX ± .03		.040 TO .128	± .002, — .001	33/64 TO 3/4	± .005, — .001	
ANGLES ± 1/2°	DECIMALS XXX ± .010		.136 TO .228	± .003, — .001	49/64 TO 1	± .007, — .001	
			.234 TO 1/2	± .004, — .001	1-1/64 TO 2	± .010, — .001	

DR	Taylor	12-28-64	NORTH AMERICAN AVIATION, INC. SPACE and INFORMATION SYSTEMS DIVISION 12214 LAKEWOOD BLVD. DOWNEY, CALIFORNIA
CHK	Sapp		INDICATOR, EVENT, SEALED (SPEC CONTROL DRAWING)
APPD	[illegible]	2/13/65	CONTROL PART ME 432-0172
APPD	[illegible]	3-4-64	SHEET 1 OF 2

FORM 835-M REV 1 61

NOTES : (UNLESS OTHERWISE SPECIFIED)

1. UNENERGIZED, THE DISPLAY SHALL BE MEDIUM GREY FED-STD-595 NO. 36231. ENERGIZED, THE DISPLAY SHALL APPEAR AS INDICATED WITH SEVEN WHITE AND BLACK STRIPES. THE WHITE STRIPES SHALL BE ILLUMINATED BY AN ELECTROLUMINESCENT LAMP IN ACCORDANCE WITH MC 432-0054. BLACK STRIPES SHALL BE OPAQUE BLACK NO. 37038 PER FED-STD-595. THE STRIPES SHALL BE OF EQUAL WIDTH AT 45° FROM THE VERTICAL IN A CLOCKWISE DIRECTION BEGINNING AND ENDING WITH WHITE.

2. DISPLAY TO BE AS SPECIFIED IN NOTE 1 EXCEPT IT SHALL APPEAR AS INDICATED WHEN UNENERGIZED, AND MEDIUM GRAY WHEN ENERGIZED.

3. THE MINIMUM DISPLAY AREA SHALL BE .064 SQUARE INCHES.

4. THE CASE AREA VISIBLE FROM FRONT OF PANEL SHALL BE MEDIUM GREY FED-STD-595 No. 36231

5. BLOCKING DIODES SHALL BE PROVIDED AS SHOWN IN SCHEMATIC. DIODES SHALL BE TYPE ME 479-0118-0001 OR EQUIVALENT.

6. SOLDER TERMINALS SHALL BE LOCATED IN THE AREA SHOWN AND SHALL BE IDENTIFIED ON THE SIDE OF THE CASE NEAR THE REAR.

7. 115 VAC RETURN SHALL BE CONNECTED TO TERMINAL INDICATED.

8. EXAMPLE: ME 432-0172-0001 WILL PROCURE AN INDICATOR, EVENT, SEALED TYPE III PER MC 432-0054.

9. DEFINITIONS:

   (a) I&T = IDENTIFICATION AND TRACEABILITY

   (b) T_S = TRACEABILITY BY SERIALIZATION

10. MOUNTING SURFACE AREAS AND BONDING RESISTANCE TEST AREAS SHALL BE FREE FROM PAINT OR ANY OTHER INSULATING MATERIAL (TEMPORARY PROTECTIVE COATING PER MIL-C-16173, GRADE 4 EXCEPTED)

11. INDICATOR SHOWN IN ENERGIZED CONDITION. INDICATOR SHALL APPEAR MEDIUM GREY (COLOR NO. 36231 PER FED. STD. 595) WHEN IN UNENERGIZED CONDITION. NUMERAL SHALL BE WHITE EL OR BLACK BACKGROUND. MINIMUM NUMERAL HEIGHT SHALL BE 0.125 INCH. HEIGHT TO STROKE RATIO SHALL BE 5 TO 1.

12. BRIGHTNESS AND COLOR MEASURREMENTS TO BE MADE IN THREE WIDELY SEPARATED PLACES CENTERED IN THE LIGHTED NUMERAL WITH A MEASUREMENT AREA ENCOMPASSED BY A CIRCLE O 0.015 INCHES IN DIAMETER.

13. RESPONSE TIME LESS THAN 0.5 SECONDS FOR FULL DISPLAY.

E.O. 602329

REVISED
- (J) SEE SHT 1 4-21-64 DAL
- (A) SEE SHT 1 3-25-65 Carey
- (B) 5-6-65 RLD
- (C) 8/2/65 Carey
- (D) SEE SHT 1 11-1-65 [illegible]
- (E) SEE SHT 1 1-3-66 RLD
- (F) SEE SHT 1 3-8-66 RLD
- (G) SEE SHT 1 5-2-66 DK
- (H) SEE SHT 1 ADDED SHTS 2 & 3 5-2-66

TOLERANCES, EXCEPT AS NOTED		DRILLED	.040 TO .1285: + .002, — .001
FRACTIONS ± 1/32	XX ± .03	HOLE	.136 TO .228: + .003, — .001
ANGLES ± 1/2°	DECIMALS XXX ± .010	TOLERANCES	.234 TO 1/2: + .004, — .001
			33/64 TO 3/4: + .005, — .001
			49/64 TO 1: + .007, — .001
			1-1/64 TO 2: + .010, — .001

✓ SIGNIFIES SURFACE ROUGHNESS PER MIL - STD - 10

DR		NORTH AMERICAN AVIATION, INC.	CONTROL PART
CHK		SPACE and INFORMATION SYSTEMS DIVISION 12214 LAKEWOOD BLVD. DOWNEY, CALIFORNIA	
APPD	[signature]	2/17/66	INDICATOR, EVENT, SEALED	ME 432-0172
APPD	[signature]	3-4-66	(SPEC CONTROL DRAWING)	SHEET 2 OF 3

FORM 933-M REV (6)